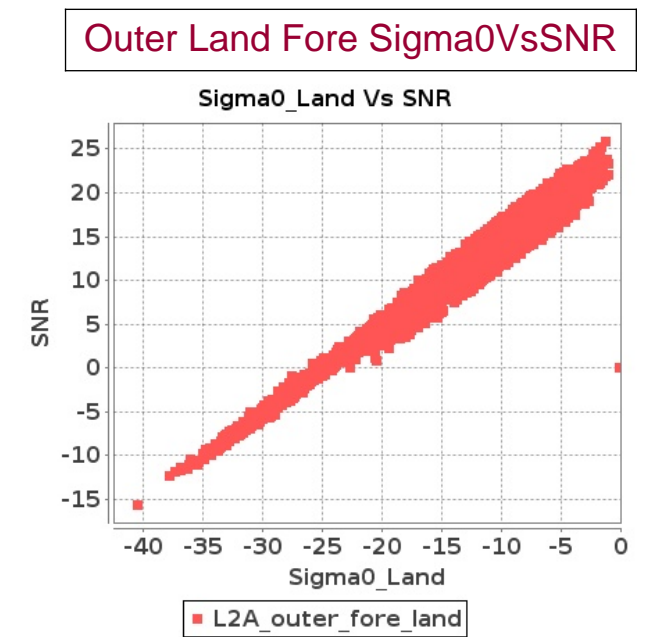
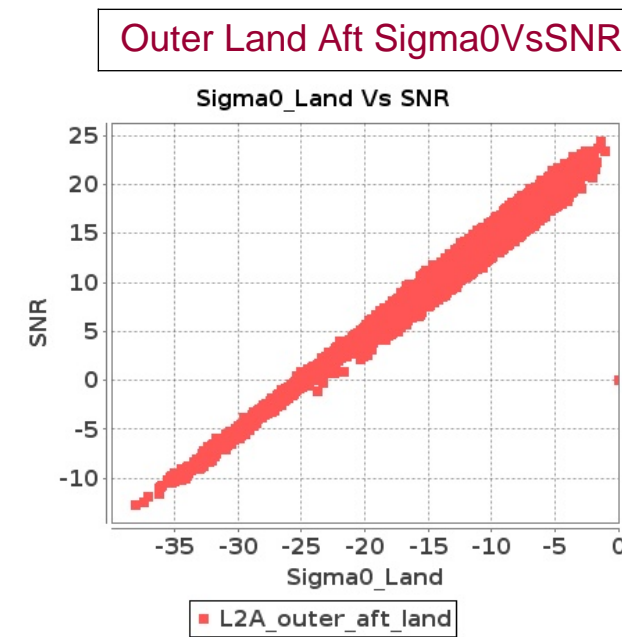
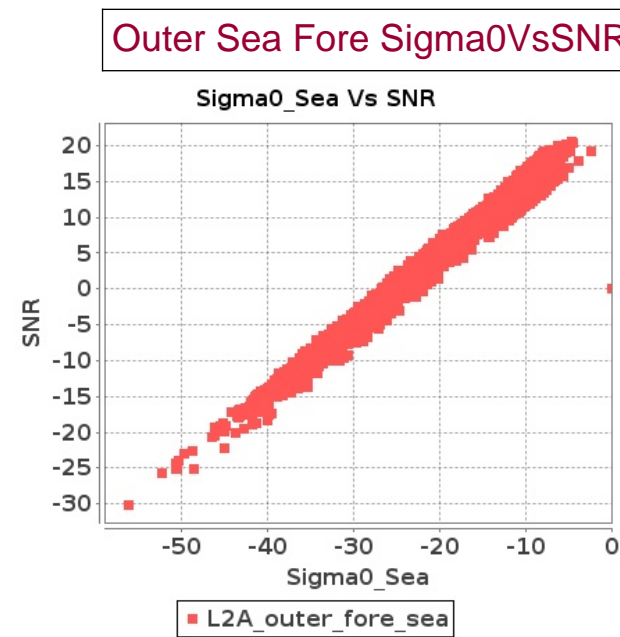
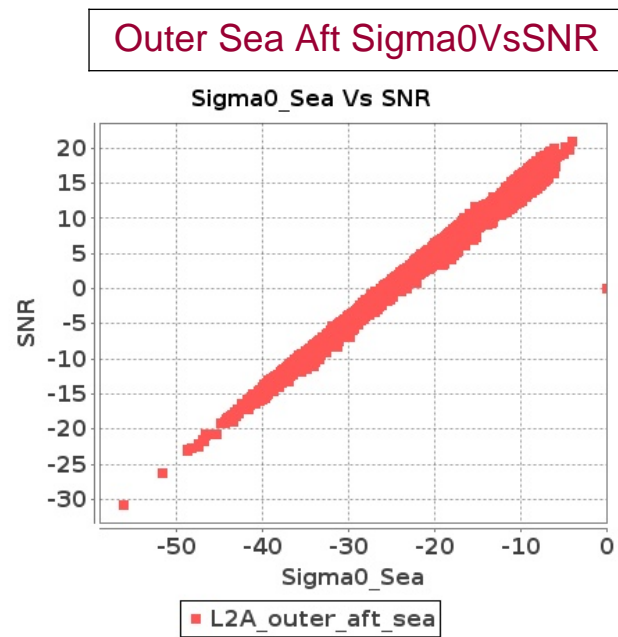
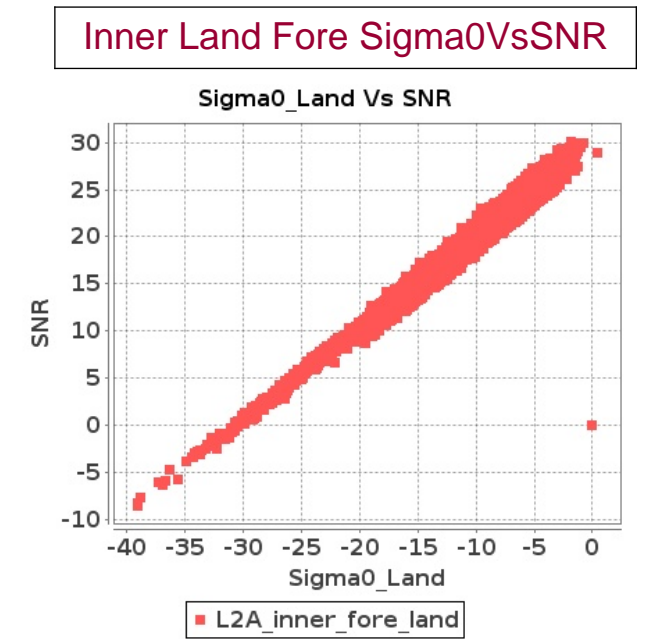
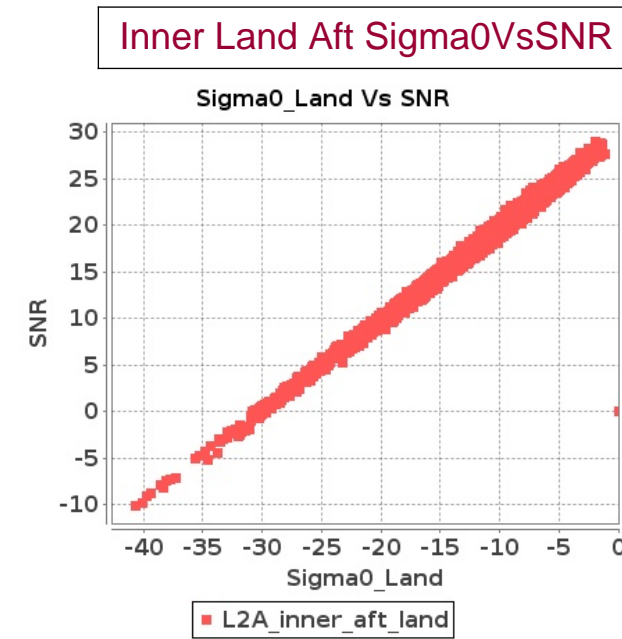
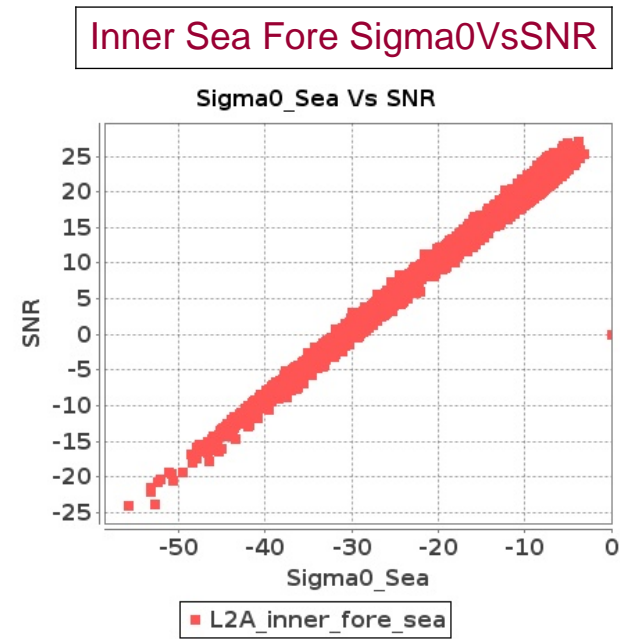
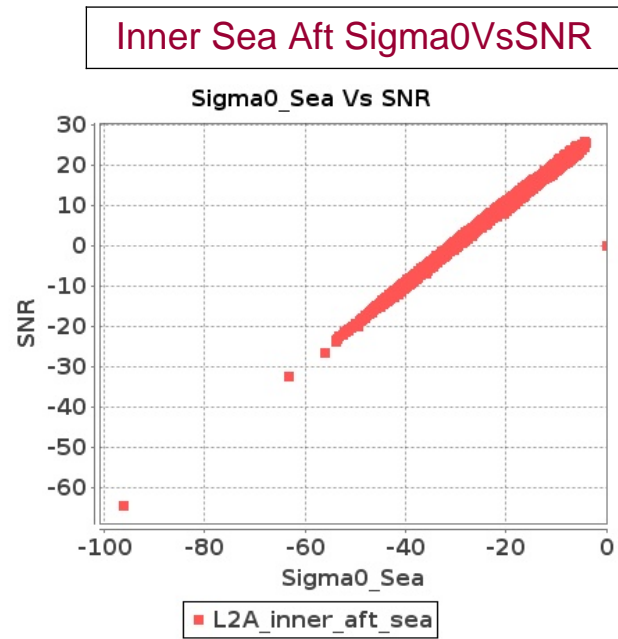


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 08-SEP-2018 To 09-SEP-2018



SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 08-SEP-2018 To 09-SEP-2018

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|-------|-------------|-----------|------|------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|-----------|--------|------------|------------|--------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 10321 | 10322 | SN | 1 | 0.0 | 48.299 | 1.391 | 0.0 | 49.031 | 2.267 | 0.0 | 43.873 | 1.213 | 0.0 | 41.458 | 1.729 | 0.0 | 48.195 | 1.36 | 0.0 | 48.176 | 2.076 | 0.0 | 42.494 | 1.104 | 0.0 | 40.101 | 1.499 |
| 2 | 10321 | 10322 | SN | 1 | 0.0 | 48.031 | 5.859 | 0.0 | 52.318 | 7.23 | 0.0 | 47.812 | 4.574 | 0.0 | 48.166 | 5.33 | 0.0 | 48.258 | 5.849 | 0.0 | 52.273 | 6.762 | 0.0 | 45.508 | 4.275 | 0.0 | 47.035 | 4.867 |
| 3 | 10321 | 10322 | NS | 1 | 0.0 | 52.991 | 9.617 | 0.0 | 55.144 | 9.913 | 0.0 | 49.905 | 6.524 | 0.0 | 51.452 | 8.026 | 0.0 | 53.459 | 9.627 | 0.0 | 57.769 | 9.519 | 0.0 | 49.771 | 6.439 | 0.0 | 50.766 | 7.246 |
| 4 | 10321 | 10322 | SN | 1 | 0.0 | 45.391 | 1.271 | 0.0 | 49.804 | 1.992 | 0.0 | 38.738 | 1.145 | 0.0 | 41.348 | 1.561 | 0.0 | 47.254 | 1.237 | 0.0 | 48.944 | 1.815 | 0.0 | 39.363 | 1.067 | 0.0 | 41.85 | 1.366 |
| 5 | 10321 | 10322 | SN | 1 | 0.0 | 48.61 | 5.935 | 0.0 | 51.551 | 7.428 | 0.0 | 47.584 | 4.449 | 0.0 | 48.409 | 5.532 | 0.0 | 48.745 | 5.903 | 0.0 | 52.273 | 6.984 | 0.0 | 45.281 | 4.249 | 0.0 | 46.93 | 4.984 |
| 6 | 10321 | 10322 | SN | 1 | 0.0 | 48.299 | 1.285 | 0.0 | 49.031 | 2.073 | 0.0 | 39.323 | 1.128 | 0.0 | 41.458 | 1.614 | 0.0 | 48.195 | 1.247 | 0.0 | 48.176 | 1.896 | 0.0 | 39.654 | 1.034 | 0.0 | 40.101 | 1.403 |
| 7 | 10321 | 10322 | SN | 1 | 0.0 | 48.61 | 6.455 | 0.0 | 51.551 | 8.157 | 0.0 | 47.584 | 4.662 | 0.0 | 48.409 | 5.88 | 0.0 | 48.745 | 6.361 | 0.0 | 52.273 | 7.676 | 0.0 | 45.281 | 4.522 | 0.0 | 46.93 | 5.37 |
| 8 | 10322 | 10323 | NS | 1 | 0.0 | 49.699 | 3.604 | 0.0 | 50.483 | 4.492 | 0.0 | 51.738 | 3.106 | 0.0 | 50.175 | 3.864 | 0.0 | 51.462 | 3.493 | 0.0 | 49.082 | 4.219 | 0.0 | 48.946 | 2.908 | 0.0 | 47.752 | 3.205 |
| 9 | 10322 | 10323 | SN | 1 | 0.0 | 48.967 | 3.999 | 0.0 | 50.007 | 5.168 | 0.0 | 39.145 | 3.306 | 0.0 | 43.525 | 4.345 | 0.0 | 49.658 | 3.989 | 0.0 | 49.919 | 5.003 | 0.0 | 39.924 | 3.255 | 0.0 | 40.869 | 4.46 |
| 10 | 10322 | 10323 | SN | 1 | 0.0 | 48.611 | 4.05 | 0.0 | 52.51 | 5.195 | 0.0 | 38.748 | 3.335 | 0.0 | 43.446 | 4.348 | 0.0 | 50.666 | 4.05 | 0.0 | 52.42 | 5.031 | 0.0 | 39.337 | 3.291 | 0.0 | 40.791 | 4.391 |
| 11 | 10322 | 10323 | NS | 1 | 0.0 | 50.93 | 0.857 | 0.0 | 49.673 | 1.255 | 0.0 | 46.197 | 0.922 | 0.0 | 45.421 | 1.232 | 0.0 | 51.844 | 0.857 | 0.0 | 48.635 | 1.122 | 0.0 | 44.618 | 0.839 | 0.0 | 45.228 | 0.982 |
| 12 | 10322 | 10323 | SN | 1 | 0.0 | 48.611 | 4.012 | 0.0 | 52.51 | 5.132 | 0.0 | 38.748 | 3.308 | 0.0 | 43.446 | 4.303 | 0.0 | 50.666 | 4.002 | 0.0 | 52.42 | 4.969 | 0.0 | 39.337 | 3.279 | 0.0 | 40.791 | 4.346 |
| 13 | 10322 | 10323 | SN | 1 | 0.0 | 40.581 | 0.975 | 0.0 | 44.303 | 1.416 | 0.0 | 44.249 | 1.124 | 0.0 | 44.404 | 1.4 | 0.0 | 42.042 | 0.986 | 0.0 | 44.168 | 1.343 | 0.0 | 43.097 | 1.108 | 0.0 | 39.706 | 1.418 |
| 14 | 10322 | 10323 | SN | 1 | 0.0 | 40.581 | 0.987 | 0.0 | 44.303 | 1.43 | 0.0 | 44.249 | 1.133 | 0.0 | 44.733 | 1.415 | 0.0 | 42.042 | 0.996 | 0.0 | 44.168 | 1.357 | 0.0 | 43.097 | 1.118 | 0.0 | 46.435 | 1.435 |
| 15 | 10322 | 10323 | NS | 1 | 0.0 | 47.426 | 0.944 | 0.0 | 46.73 | 1.224 | 0.0 | 45.055 | 0.897 | 0.0 | 48.095 | 1.244 | 0.0 | 48.195 | 0.935 | 0.0 | 47.639 | 1.071 | 0.0 | 45.272 | 0.814 | 0.0 | 45.754 | 0.933 |
| 16 | 10322 | 10323 | SN | 1 | 0.0 | 44.509 | 0.991 | 0.0 | 44.51 | 1.423 | 0.0 | 44.708 | 1.165 | 0.0 | 37.66 | 1.397 | 0.0 | 45.969 | 1.0 | 0.0 | 44.401 | 1.361 | 0.0 | 43.555 | 1.152 | 0.0 | 36.978 | 1.418 |
| 17 | 10322 | 10323 | NS | 1 | 0.0 | 51.733 | 3.885 | 0.0 | 57.527 | 4.595 | 0.0 | 43.834 | 3.226 | 0.0 | 47.248 | 3.971 | 0.0 | 53.81 | 3.845 | 0.0 | 58.607 | 4.281 | 0.0 | 42.968 | 3.028 | 0.0 | 47.089 | 3.29 |
| 18 | 10323 | 10324 | SN | 1 | 0.0 | 39.538 | 1.125 | 0.0 | 51.427 | 1.559 | 0.0 | 37.594 | 1.311 | 0.0 | 40.312 | 1.828 | 0.0 | 39.044 | 1.134 | 0.0 | 53.222 | 1.506 | 0.0 | 36.488 | 1.268 | 0.0 | 40.536 | 1.737 |
| 19 | 10323 | 10324 | NS | 1 | 0.0 | 56.651 | 1.16 | 0.0 | 49.584 | 1.497 | 0.0 | 38.226 | 1.102 | 0.0 | 44.165 | 1.416 | 0.0 | 57.447 | 1.201 | 0.0 | 48.276 | 1.434 | 0.0 | 38.597 | 1.136 | 0.0 | 40.183 | 1.368 |
| 20 | 10323 | 10324 | NS | 1 | 0.0 | 49.02 | 1.122 | 0.0 | 49.584 | 1.49 | 0.0 | 38.226 | 1.132 | 0.0 | 44.165 | 1.402 | 0.0 | 49.0 | 1.151 | 0.0 | 48.276 | 1.418 | 0.0 | 38.597 | 1.127 | 0.0 | 40.183 | 1.359 |
| 21 | 10323 | 10324 | NS | 1 | 0.0 | 54.177 | 4.3 | 0.0 | 49.014 | 5.08 | 0.0 | 47.597 | 3.751 | 0.0 | 51.206 | 4.495 | 0.0 | 53.32 | 4.381 | 0.0 | 51.312 | 4.817 | 0.0 | 47.509 | 3.851 | 0.0 | 49.059 | 4.382 |
| 22 | 10323 | 10324 | SN | 1 | 0.0 | 46.175 | 4.36 | 0.0 | 52.555 | 5.291 | 0.0 | 43.543 | 4.131 | 0.0 | 40.357 | 5.562 | 0.0 | 45.522 | 4.329 | 0.0 | 54.339 | 5.188 | 0.0 | 41.586 | 4.116 | 0.0 | 39.41 | 5.418 |
| 23 | 10323 | 10324 | SN | 1 | 0.0 | 39.538 | 1.103 | 0.0 | 51.427 | 1.58 | 0.0 | 37.594 | 1.294 | 0.0 | 40.312 | 1.832 | 0.0 | 39.044 | 1.115 | 0.0 | 53.222 | 1.528 | 0.0 | 36.564 | 1.248 | 0.0 | 40.536 | 1.734 |
| 24 | 10323 | 10324 | NS | 1 | 0.0 | 52.872 | 4.27 | 0.0 | 49.213 | 5.06 | 0.0 | 43.454 | 3.808 | 0.0 | 51.206 | 4.431 | 0.0 | 51.273 | 4.361 | 0.0 | 51.509 | 4.767 | 0.0 | 43.435 | 3.851 | 0.0 | 49.435 | 4.36 |
| 25 | 10323 | 10324 | SN | 1 | 0.0 | 46.175 | 4.316 | 0.0 | 52.555 | 5.403 | 0.0 | 43.543 | 4.132 | 0.0 | 40.357 | 5.605 | 0.0 | 45.522 | 4.275 | 0.0 | 54.339 | 5.322 | 0.0 | 41.586 | 4.103 | 0.0 | 39.41 | 5.434 |
| 26 | 10323 | 10324 | SN | 1 | 0.0 | 46.175 | 4.316 | 0.0 | 52.555 | 5.403 | 0.0 | 43.543 | 4.132 | 0.0 | 40.357 | 5.605 | 0.0 | 45.522 | 4.275 | 0.0 | 54.339 | 5.322 | 0.0 | 41.586 | 4.103 | 0.0 | 39.41 | 5.434 |
| 27 | 10323 | 10324 | SN | 1 | 0.0 | 39.538 | 1.103 | 0.0 | 51.427 | 1.58 | 0.0 | 37.594 | 1.294 | 0.0 | 40.312 | 1.832 | 0.0 | 39.044 | 1.115 | 0.0 | 53.222 | 1.528 | 0.0 | 36.564 | 1.248 | 0.0 | 40.536 | 1.734 |
| 28 | 10324 | 10325 | SN | 1 | 0.0 | 42.304 | 1.474 | 0.0 | 55.019 | 1.961 | 0.0 | 40.558 | 1.518 | 0.0 | 45.341 | 2.119 | 0.0 | 44.267 | 1.467 | 0.0 | 50.732 | 1.999 | 0.0 | 38.609 | 1.52 | 0.0 | 40.345 | 1.896 |
| 29 | 10324 | 10325 | SN | 1 | 0.0 | 45.824 | 6.209 | 0.0 | 45.305 | 7.623 | 0.0 | 43.447 | 4.797 | 0.0 | 43.618 | 5.811 | 0.0 | 46.013 | 6.334 | 0.0 | 46.246 | 7.623 | 0.0 | 41.269 | 5.001 | 0.0 | 44.757 | 5.884 |
| 30 | 10324 | 10325 | SN | 1 | 0.0 | 45.824 | 6.478 | 0.0 | 52.842 | 7.551 | 0.0 | 39.504 | 4.722 | 0.0 | 40.344 | 5.869 | 0.0 | 46.013 | 6.651 | 0.0 | 53.525 | 7.571 | 0.0 | 38.08 | 4.822 | 0.0 | 37.298 | 5.84 |
| 31 | 10324 | 10325 | SN | 1 | 0.0 | 45.824 | 6.478 | 0.0 | 52.844 | 7.571 | 0.0 | 39.342 | 4.729 | 0.0 | 39.085 | 5.855 | 0.0 | 46.014 | 6.631 | 0.0 | 53.525 | 7.561 | 0.0 | 37.97 | 4.807 | 0.0 | 37.245 | 5.826 |

| | | | | | |
|--------------------------|------------|------|--------|--|--|
| Parameter Specifications | Parameters | SNR | Sigma0 | ■ Normal | ■ Deviations |
| | Range | 20.0 | 20.0 | ■ Alarming | ■ High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|
| 32 | 10324 | 10325 | NS | 1 | 0.0 | 53.139 | 4.553 | 0.0 | 53.95 | 5.648 | 0.0 | 44.916 | 3.375 | 0.0 | 43.851 | 4.693 | 0.0 | 54.891 | 4.543 | 0.0 | 53.167 | 5.334 | 0.0 | 45.327 | 3.248 | 0.0 | 47.38 | 4.147 |
| 33 | 10324 | 10325 | NS | 1 | 0.0 | 52.293 | 4.613 | 0.0 | 53.286 | 5.7 | 0.0 | 41.709 | 3.24 | 0.0 | 45.77 | 4.497 | 0.0 | 53.582 | 4.602 | 0.0 | 51.948 | 5.417 | 0.0 | 43.225 | 3.106 | 0.0 | 44.396 | 3.809 |
| 34 | 10324 | 10325 | SN | 1 | 0.0 | 42.111 | 1.427 | 0.0 | 55.019 | 1.993 | 0.0 | 40.558 | 1.534 | 0.0 | 45.341 | 2.14 | 0.0 | 41.189 | 1.425 | 0.0 | 50.732 | 2.046 | 0.0 | 39.185 | 1.536 | 0.0 | 40.345 | 1.904 |
| 35 | 10324 | 10325 | SN | 1 | 0.0 | 40.371 | 1.463 | 0.0 | 55.123 | 1.965 | 0.0 | 42.419 | 1.513 | 0.0 | 45.756 | 2.112 | 0.0 | 42.332 | 1.458 | 0.0 | 50.836 | 1.999 | 0.0 | 40.471 | 1.52 | 0.0 | 40.757 | 1.882 |
| 36 | 10324 | 10325 | NS | 1 | 0.0 | 41.325 | 1.045 | 0.0 | 50.797 | 1.646 | 0.0 | 44.352 | 0.78 | 0.0 | 44.69 | 1.388 | 0.0 | 40.568 | 1.025 | 0.0 | 50.783 | 1.518 | 0.0 | 45.006 | 0.741 | 0.0 | 42.337 | 1.112 |
| 37 | 10324 | 10325 | NS | 1 | 0.0 | 50.954 | 1.09 | 0.0 | 48.99 | 1.623 | 0.0 | 39.563 | 0.779 | 0.0 | 43.717 | 1.358 | 0.0 | 51.202 | 1.086 | 0.0 | 48.221 | 1.569 | 0.0 | 37.808 | 0.713 | 0.0 | 44.589 | 1.135 |
| 38 | 10325 | 10326 | NS | 1 | 0.0 | 55.265 | 3.906 | 0.0 | 48.808 | 4.787 | 0.0 | 43.262 | 4.092 | 0.0 | 46.218 | 5.147 | 0.0 | 55.565 | 3.956 | 0.0 | 49.266 | 4.524 | 0.0 | 42.539 | 3.808 | 0.0 | 44.521 | 4.495 |
| 39 | 10325 | 10326 | SN | 1 | 0.0 | 51.848 | 8.489 | 0.0 | 54.858 | 11.0 | 0.0 | 43.655 | 7.638 | 0.0 | 43.13 | 8.928 | 0.0 | 53.485 | 8.621 | 0.0 | 56.664 | 11.204 | 0.0 | 40.623 | 7.865 | 0.0 | 42.062 | 9.62 |
| 40 | 10325 | 10326 | SN | 1 | 0.0 | 44.964 | 2.118 | 0.0 | 48.053 | 3.19 | 0.0 | 37.123 | 2.242 | 0.0 | 39.62 | 2.931 | 0.0 | 46.137 | 2.177 | 0.0 | 44.878 | 3.092 | 0.0 | 36.277 | 2.342 | 0.0 | 38.751 | 3.036 |
| 41 | 10325 | 10326 | SN | 1 | 0.0 | 51.794 | 8.459 | 0.0 | 54.388 | 11.021 | 0.0 | 43.655 | 7.609 | 0.0 | 44.004 | 8.971 | 0.0 | 53.431 | 8.601 | 0.0 | 56.193 | 11.224 | 0.0 | 40.623 | 7.822 | 0.0 | 42.935 | 9.627 |
| 42 | 10325 | 10326 | NS | 1 | 0.0 | 48.956 | 1.088 | 0.0 | 56.707 | 1.515 | 0.0 | 43.161 | 1.067 | 0.0 | 40.678 | 1.53 | 0.0 | 49.053 | 1.137 | 0.0 | 57.911 | 1.479 | 0.0 | 41.371 | 0.991 | 0.0 | 42.052 | 1.401 |
| 43 | 10325 | 10326 | NS | 1 | 0.0 | 55.963 | 4.035 | 0.0 | 49.309 | 4.89 | 0.0 | 44.537 | 3.772 | 0.0 | 49.543 | 4.674 | 0.0 | 56.363 | 4.106 | 0.0 | 49.842 | 4.708 | 0.0 | 44.364 | 3.673 | 0.0 | 48.932 | 4.397 |
| 44 | 10325 | 10326 | NS | 1 | 0.0 | 53.808 | 1.097 | 0.0 | 53.204 | 1.54 | 0.0 | 46.685 | 1.058 | 0.0 | 43.808 | 1.551 | 0.0 | 53.8 | 1.124 | 0.0 | 53.172 | 1.445 | 0.0 | 43.885 | 1.028 | 0.0 | 44.003 | 1.39 |
| 45 | 10325 | 10326 | SN | 1 | 0.0 | 44.872 | 2.123 | 0.0 | 48.777 | 3.174 | 0.0 | 37.178 | 2.242 | 0.0 | 39.388 | 2.934 | 0.0 | 46.047 | 2.2 | 0.0 | 45.6 | 3.092 | 0.0 | 36.015 | 2.345 | 0.0 | 38.518 | 3.052 |
| 46 | 10326 | 10327 | NS | 1 | 0.0 | 50.517 | 1.264 | 0.0 | 48.953 | 1.845 | 0.0 | 47.146 | 1.203 | 0.0 | 48.678 | 1.875 | 0.0 | 51.059 | 1.268 | 0.0 | 48.881 | 1.736 | 0.0 | 46.299 | 1.088 | 0.0 | 51.041 | 1.523 |
| 47 | 10326 | 10327 | SN | 1 | 0.0 | 47.457 | 1.801 | 0.0 | 47.349 | 2.386 | 0.0 | 38.508 | 1.757 | 0.0 | 41.754 | 2.303 | 0.0 | 47.448 | 1.762 | 0.0 | 47.322 | 2.193 | 0.0 | 40.905 | 1.672 | 0.0 | 42.56 | 2.059 |
| 48 | 10326 | 10327 | SN | 1 | 0.0 | 49.677 | 6.809 | 0.0 | 55.505 | 8.464 | 0.0 | 47.337 | 5.682 | 0.0 | 47.544 | 7.284 | 0.0 | 49.425 | 6.852 | 0.0 | 55.607 | 8.281 | 0.0 | 45.365 | 5.569 | 0.0 | 44.921 | 7.08 |
| 49 | 10326 | 10327 | SN | 1 | 0.0 | 49.677 | 7.078 | 0.0 | 55.505 | 8.674 | 0.0 | 49.072 | 5.812 | 0.0 | 47.519 | 7.191 | 0.0 | 49.425 | 7.16 | 0.0 | 55.607 | 8.48 | 0.0 | 47.864 | 5.805 | 0.0 | 44.896 | 7.012 |
| 50 | 10326 | 10327 | NS | 1 | 0.0 | 52.737 | 4.37 | 0.0 | 50.366 | 5.285 | 0.0 | 49.21 | 4.446 | 0.0 | 48.208 | 5.937 | 0.0 | 53.841 | 4.35 | 0.0 | 50.063 | 4.9 | 0.0 | 48.402 | 4.282 | 0.0 | 49.127 | 4.788 |
| 51 | 10326 | 10327 | SN | 1 | 0.0 | 47.457 | 1.787 | 0.0 | 50.95 | 2.404 | 0.0 | 37.682 | 1.723 | 0.0 | 41.74 | 2.255 | 0.0 | 47.448 | 1.778 | 0.0 | 50.054 | 2.216 | 0.0 | 37.618 | 1.677 | 0.0 | 42.55 | 2.044 |
| 52 | 10326 | 10327 | NS | 1 | 0.0 | 52.737 | 4.37 | 0.0 | 50.366 | 5.285 | 0.0 | 49.21 | 4.446 | 0.0 | 48.085 | 5.937 | 0.0 | 53.841 | 4.35 | 0.0 | 50.063 | 4.89 | 0.0 | 48.402 | 4.282 | 0.0 | 48.893 | 4.773 |
| 53 | 10326 | 10327 | SN | 1 | 0.0 | 47.457 | 1.719 | 0.0 | 50.95 | 2.376 | 0.0 | 36.466 | 1.689 | 0.0 | 41.74 | 2.308 | 0.0 | 47.448 | 1.705 | 0.0 | 50.054 | 2.218 | 0.0 | 37.618 | 1.64 | 0.0 | 42.55 | 2.118 |
| 54 | 10326 | 10327 | NS | 1 | 0.0 | 50.517 | 1.268 | 0.0 | 48.953 | 1.847 | 0.0 | 47.146 | 1.203 | 0.0 | 48.02 | 1.872 | 0.0 | 51.059 | 1.27 | 0.0 | 48.881 | 1.736 | 0.0 | 46.299 | 1.088 | 0.0 | 50.587 | 1.523 |
| 55 | 10326 | 10327 | SN | 1 | 0.0 | 49.908 | 7.17 | 0.0 | 55.505 | 8.602 | 0.0 | 46.05 | 5.677 | 0.0 | 44.351 | 7.205 | 0.0 | 49.655 | 7.363 | 0.0 | 55.607 | 8.409 | 0.0 | 44.843 | 5.635 | 0.0 | 43.328 | 7.027 |
| 56 | 10327 | 10328 | SN | 1 | 0.0 | 52.709 | 6.005 | 0.0 | 52.108 | 7.365 | 0.0 | 47.737 | 4.943 | 0.0 | 49.648 | 6.205 | 0.0 | 52.595 | 6.06 | 0.0 | 55.031 | 6.936 | 0.0 | 47.838 | 4.596 | 0.0 | 47.326 | 5.889 |
| 57 | 10327 | 10328 | NS | 1 | 0.0 | 49.936 | 4.936 | 0.0 | 53.173 | 6.313 | 0.0 | 39.131 | 5.054 | 0.0 | 40.603 | 6.48 | 0.0 | 50.043 | 5.027 | 0.0 | 51.959 | 5.828 | 0.0 | 39.808 | 4.912 | 0.0 | 40.565 | 5.863 |
| 58 | 10327 | 10328 | NS | 1 | 0.0 | 48.081 | 5.179 | 0.0 | 52.929 | 6.111 | 0.0 | 46.903 | 5.19 | 0.0 | 48.669 | 6.325 | 0.0 | 48.435 | 5.23 | 0.0 | 50.81 | 5.605 | 0.0 | 46.508 | 5.126 | 0.0 | 44.971 | 5.829 |
| 59 | 10327 | 10328 | SN | 1 | 0.0 | 46.545 | 1.563 | 0.0 | 45.183 | 2.042 | 0.0 | 38.878 | 1.368 | 0.0 | 41.316 | 1.871 | 0.0 | 46.098 | 1.546 | 0.0 | 48.035 | 1.853 | 0.0 | 40.424 | 1.288 | 0.0 | 39.081 | 1.738 |
| 60 | 10327 | 10328 | SN | 1 | 0.0 | 52.018 | 6.47 | 0.0 | 52.143 | 7.85 | 0.0 | 49.204 | 5.151 | 0.0 | 48.865 | 6.542 | 0.0 | 53.792 | 6.541 | 0.0 | 55.065 | 7.341 | 0.0 | 49.304 | 4.888 | 0.0 | 46.545 | 6.135 |
| 61 | 10327 | 10328 | SN | 1 | 0.0 | 53.147 | 6.348 | 0.0 | 52.108 | 7.789 | 0.0 | 47.737 | 5.137 | 0.0 | 49.648 | 6.499 | 0.0 | 53.695 | 6.449 | 0.0 | 55.031 | 7.371 | 0.0 | 47.838 | 4.824 | 0.0 | 47.326 | 6.114 |
| 62 | 10327 | 10328 | SN | 1 | 0.0 | 46.545 | 1.674 | 0.0 | 45.183 | 2.152 | 0.0 | 38.878 | 1.421 | 0.0 | 41.316 | 1.906 | 0.0 | 47.194 | 1.654 | 0.0 | 48.035 | 1.973 | 0.0 | 40.424 | 1.347 | 0.0 | 39.081 | 1.795 |
| 63 | 10327 | 10328 | SN | 1 | 0.0 | 46.35 | 1.677 | 0.0 | 46.0 | 2.141 | 0.0 | 41.655 | 1.43 | 0.0 | 41.13 | 1.932 | 0.0 | 47.305 | 1.645 | 0.0 | 48.852 | 1.982 | 0.0 | 40.335 | 1.352 | 0.0 | 42.864 | 1.808 |
| 64 | 10328 | 10329 | SN | 1 | 0.0 | 53.186 | 3.909 | 0.0 | 54.297 | 5.466 | 0.0 | 46.275 | 3.997 | 0.0 | 46.221 | 5.014 | 0.0 | 53.192 | 4.011 | 0.0 | 57.632 | 5.344 | 0.0 | 44.857 | 3.983 | 0.0 | 45.647 | 4.814 |
| 65 | 10328 | 10329 | SN | 1 | 0.0 | 53.186 | 3.909 | 0.0 | 54.297 | 5.466 | 0.0 | 46.275 | 3.997 | 0.0 | 46.221 | 5.014 | 0.0 | 53.192 | 4.011 | 0.0 | 57.632 | 5.344 | 0.0 | 44.857 | 3.983 | 0.0 | 45.647 | 4.814 |
| 66 | 10328 | 10329 | SN | 1 | 0.0 | 47.951 | 1.233 | 0.0 | 46.337 | 1.666 | 0.0 | 44.411 | 1.108 | 0.0 | 41.45 | 1.444 | 0.0 | 47.485 | 1.235 | 0.0 | 44.935 | 1.612 | 0.0 | 43.23 | 1.128 | 0.0 | 39.448 | 1.35 |
| 67 | 10328 | 10329 | SN | 1 | 0.0 | 47.951 | 1.233 | 0.0 | 46.337 | 1.666 | 0.0 | 44.411 | 1.108 | 0.0 | 41.45 | 1.444 | 0.0 | 47.485 | 1.235 | 0.0 | 44.935 | 1.612 | 0.0 | 43.23 | 1.128 | 0.0 | 39.448 | 1.35 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|--------|-------|-----|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 10328 | 10329 | SN | 1 | 0.0 | 45.924 | 3.393 | 0.0 | 44.374 | 4.397 | 0.0 | 46.275 | 3.814 | 0.0 | 47.677 | 4.221 | 0.0 | 47.482 | 3.494 | 0.0 | 43.94 | 4.249 | 0.0 | 44.857 | 3.862 | 0.0 | 46.689 | 4.022 |
| 69 | 10328 | 10329 | SN | 1 | 0.0 | 47.951 | 1.101 | 0.0 | 46.337 | 1.438 | 0.0 | 44.411 | 1.115 | 0.0 | 38.557 | 1.303 | 0.0 | 47.485 | 1.098 | 0.0 | 44.935 | 1.36 | 0.0 | 43.23 | 1.135 | 0.0 | 39.448 | 1.226 |
| 70 | 10328 | 10329 | NS | 1 | 0.0 | 49.222 | 6.409 | 0.0 | 51.399 | 8.104 | 0.0 | 43.647 | 6.148 | 0.0 | 52.819 | 7.203 | 0.0 | 48.631 | 6.652 | 0.0 | 51.457 | 7.892 | 0.0 | 43.485 | 6.482 | 0.0 | 49.66 | 7.451 |
| 71 | 10328 | 10329 | NS | 1 | 0.0 | 50.11 | 6.48 | 0.0 | 51.421 | 8.104 | 0.0 | 43.638 | 6.205 | 0.0 | 52.762 | 7.266 | 0.0 | 49.517 | 6.662 | 0.0 | 51.478 | 7.841 | 0.0 | 44.031 | 6.567 | 0.0 | 49.605 | 7.493 |
| 72 | 10328 | 10329 | NS | 1 | 0.0 | 44.632 | 1.769 | 0.0 | 42.473 | 2.38 | 0.0 | 44.739 | 1.988 | 0.0 | 40.607 | 2.612 | 0.0 | 44.061 | 1.776 | 0.0 | 43.98 | 2.31 | 0.0 | 44.725 | 2.035 | 0.0 | 40.618 | 2.559 |
| 73 | 10329 | 10330 | NS | 1 | 0.0 | 53.297 | 9.102 | 0.0 | 53.166 | 10.967 | 0.0 | 49.612 | 6.914 | 0.0 | 46.215 | 8.422 | 0.0 | 53.054 | 9.203 | 0.0 | 51.205 | 10.33 | 0.0 | 50.621 | 6.836 | 0.0 | 46.006 | 7.904 |
| 74 | 10329 | 10330 | SN | 1 | 0.0 | 44.922 | 1.081 | 0.0 | 43.175 | 1.567 | 0.0 | 38.223 | 1.234 | 0.0 | 43.024 | 1.586 | 0.0 | 43.989 | 1.104 | 0.0 | 44.317 | 1.406 | 0.0 | 37.322 | 1.225 | 0.0 | 38.855 | 1.428 |
| 75 | 10329 | 10330 | SN | 1 | 0.0 | 46.155 | 4.143 | 0.0 | 48.729 | 5.354 | 0.0 | 47.156 | 4.176 | 0.0 | 46.625 | 4.786 | 0.0 | 45.738 | 4.153 | 0.0 | 48.681 | 4.875 | 0.0 | 45.959 | 4.204 | 0.0 | 47.278 | 4.365 |
| 76 | 10330 | 10331 | NS | 1 | 0.0 | 46.387 | 1.158 | 0.0 | 40.935 | 1.355 | 0.0 | 44.25 | 1.145 | 0.0 | 41.413 | 1.448 | 0.0 | 45.77 | 1.165 | 0.0 | 40.107 | 1.26 | 0.0 | 43.246 | 1.067 | 0.0 | 40.604 | 1.209 |
| 77 | 10330 | 10331 | SN | 1 | 0.0 | 40.561 | 1.135 | 0.0 | 42.327 | 1.507 | 0.0 | 43.43 | 1.222 | 0.0 | 43.172 | 1.531 | 0.0 | 40.513 | 1.144 | 0.0 | 43.312 | 1.435 | 0.0 | 41.398 | 1.227 | 0.0 | 39.573 | 1.488 |
| 78 | 10330 | 10331 | SN | 1 | 0.0 | 53.607 | 4.295 | 0.0 | 48.631 | 5.129 | 0.0 | 46.534 | 4.061 | 0.0 | 49.207 | 5.099 | 0.0 | 53.46 | 4.234 | 0.0 | 46.746 | 5.058 | 0.0 | 47.362 | 4.011 | 0.0 | 46.873 | 5.02 |
| 79 | 10330 | 10331 | NS | 1 | 0.0 | 46.387 | 1.158 | 0.0 | 40.935 | 1.355 | 0.0 | 44.25 | 1.143 | 0.0 | 41.413 | 1.446 | 0.0 | 45.77 | 1.165 | 0.0 | 40.107 | 1.26 | 0.0 | 43.246 | 1.065 | 0.0 | 40.604 | 1.207 |
| 80 | 10330 | 10331 | NS | 1 | 0.0 | 51.719 | 4.857 | 0.0 | 48.155 | 5.344 | 0.0 | 46.085 | 3.695 | 0.0 | 45.358 | 4.771 | 0.0 | 52.106 | 4.938 | 0.0 | 47.637 | 4.919 | 0.0 | 45.21 | 3.638 | 0.0 | 43.993 | 4.417 |
| 81 | 10330 | 10331 | NS | 1 | 0.0 | 51.719 | 4.857 | 0.0 | 48.155 | 5.344 | 0.0 | 46.085 | 3.695 | 0.0 | 45.358 | 4.764 | 0.0 | 52.106 | 4.938 | 0.0 | 47.637 | 4.919 | 0.0 | 45.21 | 3.631 | 0.0 | 43.993 | 4.403 |
| 82 | 10331 | 10332 | NS | 1 | 0.0 | 46.486 | 0.814 | 0.0 | 49.216 | 1.237 | 0.0 | 38.797 | 0.926 | 0.0 | 45.762 | 1.324 | 0.0 | 46.582 | 0.742 | 0.0 | 47.64 | 1.176 | 0.0 | 38.067 | 0.846 | 0.0 | 48.788 | 1.121 |
| 83 | 10331 | 10332 | NS | 1 | 0.0 | 60.656 | 2.954 | 0.0 | 52.986 | 3.918 | 0.0 | 42.344 | 3.141 | 0.0 | 47.037 | 3.781 | 0.0 | 61.062 | 2.964 | 0.0 | 52.117 | 3.785 | 0.0 | 42.131 | 2.92 | 0.0 | 45.705 | 3.416 |

| | | | | | |
|--------------------------|------------|------|--------|--------|------------|
| Parameter Specifications | Parameters | SNR | Sigma0 | Normal | Deviations |
| | Range | 20.0 | 20.0 | | |

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|-------|-------------|-----------|------|------|---------------|---------|------------|------------|---------|------------|-----------|---------|------------|------------|---------|------------|-----------------|-------|------------|------------|-------|------------|-----------|-------|------------|------------|-------|------------|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| | | | | | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 10321 | 10322 | SN | 1 | 0.0 | 23.058 | 4.657 | 0.0 | 18.051 | 6.081 | 0.0 | 65.799 | 0.905 | 0.0 | 10.782 | 1.499 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.082 | 0.0 |
| 2 | 10321 | 10322 | SN | 1 | 0.0 | 28.165 | 12.398 | 0.0 | 24.249 | 12.953 | 0.0 | 76.057 | 7.006 | 0.0 | 65.353 | 9.826 | 0.0 | 1.376 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 2.08 | 0.0 |
| 3 | 10321 | 10322 | NS | 1 | 0.0 | 205.244 | 10.721 | 0.0 | 116.846 | 15.922 | 0.0 | 178.292 | 13.155 | 0.0 | 152.385 | 15.292 | 0.0 | 1.401 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 1.873 | 0.0 | 0.0 | 2.18 | 0.0 |
| 4 | 10321 | 10322 | SN | 1 | 0.0 | 23.058 | 4.557 | 0.0 | 20.869 | 6.252 | 0.0 | 65.799 | 0.787 | 0.0 | 46.431 | 1.746 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.082 | 0.0 |
| 5 | 10321 | 10322 | SN | 1 | 0.0 | 28.165 | 12.439 | 0.0 | 24.249 | 12.722 | 0.0 | 76.057 | 7.097 | 0.0 | 65.353 | 9.385 | 0.0 | 1.376 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 2.08 | 0.0 |
| 6 | 10321 | 10322 | SN | 1 | 0.0 | 23.058 | 4.572 | 0.0 | 20.869 | 6.195 | 0.0 | 65.799 | 0.816 | 0.0 | 46.431 | 1.71 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.082 | 0.0 |
| 7 | 10321 | 10322 | SN | 1 | 0.0 | 28.165 | 12.664 | 0.0 | 23.328 | 12.265 | 0.0 | 76.057 | 7.556 | 0.0 | 13.048 | 8.318 | 0.0 | 1.376 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.793 | 0.0 | 0.0 | 2.08 | 0.0 |
| 8 | 10322 | 10323 | NS | 1 | 0.0 | 211.045 | 10.702 | 0.0 | 31.513 | 15.834 | 0.0 | 150.358 | 13.128 | 0.0 | 133.231 | 15.222 | 0.0 | 1.413 | 0.0 | 0.0 | 1.823 | 0.0 | 0.0 | 1.875 | 0.0 | 0.0 | 2.18 | 0.0 |
| 9 | 10322 | 10323 | SN | 1 | 0.0 | 28.198 | 12.388 | 0.0 | 168.398 | 12.831 | 0.0 | 72.147 | 7.087 | 0.0 | 136.808 | 9.6 | 0.0 | 1.376 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.082 | 0.0 |
| 10 | 10322 | 10323 | SN | 1 | 0.0 | 28.198 | 12.387 | 0.0 | 74.207 | 12.86 | 0.0 | 72.158 | 7.08 | 0.0 | 90.504 | 9.662 | 0.0 | 1.376 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.082 | 0.0 |
| 11 | 10322 | 10323 | NS | 1 | 0.0 | 79.217 | 7.111 | 0.0 | 23.538 | 8.789 | 0.0 | 253.279 | 4.493 | 0.0 | 130.788 | 5.572 | 0.0 | 1.436 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.181 | 0.0 |
| 12 | 10322 | 10323 | SN | 1 | 0.0 | 28.198 | 12.372 | 0.0 | 74.207 | 12.974 | 0.0 | 72.158 | 7.056 | 0.0 | 90.504 | 9.898 | 0.0 | 1.376 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.794 | 0.0 | 0.0 | 2.082 | 0.0 |
| 13 | 10322 | 10323 | SN | 1 | 0.0 | 23.069 | 4.601 | 0.0 | 229.201 | 6.295 | 0.0 | 64.139 | 0.824 | 0.0 | 232.675 | 1.78 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.082 | 0.0 |
| 14 | 10322 | 10323 | SN | 1 | 0.0 | 23.069 | 4.609 | 0.0 | 229.201 | 6.28 | 0.0 | 64.139 | 0.832 | 0.0 | 232.675 | 1.67 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.082 | 0.0 |
| 15 | 10322 | 10323 | NS | 1 | 0.0 | 211.051 | 7.115 | 0.0 | 23.538 | 8.784 | 0.0 | 165.199 | 4.484 | 0.0 | 133.54 | 5.567 | 0.0 | 1.436 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.182 | 0.0 |
| 16 | 10322 | 10323 | SN | 1 | 0.0 | 23.069 | 4.611 | 0.0 | 19.407 | 6.272 | 0.0 | 64.128 | 0.832 | 0.0 | 224.411 | 1.662 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.082 | 0.0 |
| 17 | 10322 | 10323 | NS | 1 | 0.0 | 211.051 | 10.776 | 0.0 | 29.081 | 15.779 | 0.0 | 352.946 | 13.197 | 0.0 | 129.641 | 15.251 | 0.0 | 1.411 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.18 | 0.0 |
| 18 | 10323 | 10324 | SN | 1 | 0.0 | 23.069 | 4.633 | 0.0 | 18.878 | 6.288 | 0.0 | 72.969 | 0.885 | 0.0 | 12.982 | 1.636 | 0.0 | 1.348 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 2.083 | 0.0 |
| 19 | 10323 | 10324 | NS | 1 | 0.0 | 23.902 | 7.068 | 0.0 | 23.538 | 8.768 | 0.0 | 264.855 | 4.438 | 0.0 | 134.268 | 5.564 | 0.0 | 1.435 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.182 | 0.0 |
| 20 | 10323 | 10324 | NS | 1 | 0.0 | 23.902 | 7.068 | 0.0 | 23.538 | 8.768 | 0.0 | 264.855 | 4.439 | 0.0 | 134.268 | 5.565 | 0.0 | 1.435 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.182 | 0.0 |
| 21 | 10323 | 10324 | NS | 1 | 0.0 | 25.413 | 10.725 | 0.0 | 29.075 | 15.768 | 0.0 | 238.808 | 13.211 | 0.0 | 132.321 | 15.244 | 0.0 | 1.407 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.178 | 0.0 |
| 22 | 10323 | 10324 | SN | 1 | 0.0 | 28.187 | 12.401 | 0.0 | 23.339 | 12.752 | 0.0 | 80.866 | 7.091 | 0.0 | 17.962 | 9.539 | 0.0 | 1.359 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.084 | 0.0 |
| 23 | 10323 | 10324 | SN | 1 | 0.0 | 23.069 | 4.62 | 0.0 | 20.8 | 6.311 | 0.0 | 72.969 | 0.877 | 0.0 | 45.317 | 1.772 | 0.0 | 1.348 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 2.083 | 0.0 |
| 24 | 10323 | 10324 | NS | 1 | 0.0 | 25.413 | 10.725 | 0.0 | 29.075 | 15.768 | 0.0 | 238.808 | 13.211 | 0.0 | 132.321 | 15.244 | 0.0 | 1.407 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.178 | 0.0 |
| 25 | 10323 | 10324 | SN | 1 | 0.0 | 28.187 | 12.388 | 0.0 | 24.244 | 12.944 | 0.0 | 80.866 | 7.047 | 0.0 | 58.724 | 9.884 | 0.0 | 1.359 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.084 | 0.0 |
| 26 | 10323 | 10324 | SN | 1 | 0.0 | 28.187 | 12.388 | 0.0 | 24.244 | 12.944 | 0.0 | 80.866 | 7.047 | 0.0 | 58.724 | 9.884 | 0.0 | 1.359 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.788 | 0.0 | 0.0 | 2.084 | 0.0 |
| 27 | 10323 | 10324 | SN | 1 | 0.0 | 23.069 | 4.62 | 0.0 | 20.8 | 6.311 | 0.0 | 72.969 | 0.877 | 0.0 | 45.317 | 1.772 | 0.0 | 1.348 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.792 | 0.0 | 0.0 | 2.083 | 0.0 |
| 28 | 10324 | 10325 | SN | 1 | 0.0 | 23.091 | 4.621 | 0.0 | 20.772 | 6.313 | 0.0 | 75.412 | 0.875 | 0.0 | 42.377 | 1.788 | 0.0 | 1.352 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.082 | 0.0 |
| 29 | 10324 | 10325 | SN | 1 | 0.0 | 28.204 | 12.376 | 0.0 | 23.334 | 12.727 | 0.0 | 80.48 | 7.115 | 0.0 | 15.574 | 9.395 | 0.0 | 1.361 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.083 | 0.0 |
| 30 | 10324 | 10325 | SN | 1 | 0.0 | 28.204 | 12.368 | 0.0 | 24.376 | 12.954 | 0.0 | 80.48 | 7.033 | 0.0 | 59.783 | 9.891 | 0.0 | 1.361 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.083 | 0.0 |
| 31 | 10324 | 10325 | SN | 1 | 0.0 | 28.204 | 12.348 | 0.0 | 24.365 | 12.944 | 0.0 | 80.469 | 7.019 | 0.0 | 114.108 | 9.898 | 0.0 | 1.361 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.083 | 0.0 |

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|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 32 | 10324 | 10325 | NS | 1 | 0.0 | 165.996 | 10.705 | 0.0 | 29.086 | 15.769 | 0.0 | 259.456 | 13.197 | 0.0 | 134.621 | 15.236 | 0.0 | 1.41 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.892 | 0.0 | 0.0 | 2.178 | 0.0 |
| 33 | 10324 | 10325 | NS | 1 | 0.0 | 217.255 | 10.672 | 0.0 | 29.086 | 15.804 | 0.0 | 352.522 | 13.11 | 0.0 | 129.724 | 15.256 | 0.0 | 1.404 | 0.0 | 0.0 | 1.82 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.18 | 0.0 |
| 34 | 10324 | 10325 | SN | 1 | 0.0 | 23.091 | 4.632 | 0.0 | 18.073 | 6.275 | 0.0 | 75.412 | 0.894 | 0.0 | 11.62 | 1.624 | 0.0 | 1.352 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.082 | 0.0 |
| 35 | 10324 | 10325 | SN | 1 | 0.0 | 23.091 | 4.626 | 0.0 | 20.772 | 6.315 | 0.0 | 75.401 | 0.873 | 0.0 | 112.862 | 1.788 | 0.0 | 1.352 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.082 | 0.0 |
| 36 | 10324 | 10325 | NS | 1 | 0.0 | 165.996 | 7.07 | 0.0 | 23.538 | 8.792 | 0.0 | 352.522 | 4.44 | 0.0 | 123.1 | 5.546 | 0.0 | 1.431 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.18 | 0.0 |
| 37 | 10324 | 10325 | NS | 1 | 0.0 | 219.489 | 7.067 | 0.0 | 23.538 | 8.774 | 0.0 | 255.0 | 4.452 | 0.0 | 119.957 | 5.548 | 0.0 | 1.428 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.182 | 0.0 |
| 38 | 10325 | 10326 | NS | 1 | 0.0 | 24.829 | 10.705 | 0.0 | 29.081 | 15.768 | 0.0 | 326.452 | 13.218 | 0.0 | 153.995 | 15.25 | 0.0 | 1.41 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.178 | 0.0 |
| 39 | 10325 | 10326 | SN | 1 | 0.0 | 28.176 | 12.338 | 0.0 | 24.365 | 12.903 | 0.0 | 78.131 | 7.069 | 0.0 | 61.272 | 9.862 | 0.0 | 1.364 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.083 | 0.0 |
| 40 | 10325 | 10326 | SN | 1 | 0.0 | 23.058 | 4.615 | 0.0 | 20.756 | 6.302 | 0.0 | 65.992 | 0.866 | 0.0 | 43.712 | 1.773 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.082 | 0.0 |
| 41 | 10325 | 10326 | SN | 1 | 0.0 | 28.171 | 12.338 | 0.0 | 24.365 | 12.893 | 0.0 | 78.12 | 7.054 | 0.0 | 61.283 | 9.877 | 0.0 | 1.364 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.083 | 0.0 |
| 42 | 10325 | 10326 | NS | 1 | 0.0 | 22.882 | 7.081 | 0.0 | 23.538 | 8.801 | 0.0 | 320.998 | 4.445 | 0.0 | 138.575 | 5.539 | 0.0 | 1.436 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.89 | 0.0 | 0.0 | 2.18 | 0.0 |
| 43 | 10325 | 10326 | NS | 1 | 0.0 | 25.402 | 10.639 | 0.0 | 29.081 | 15.804 | 0.0 | 326.452 | 13.159 | 0.0 | 156.753 | 15.278 | 0.0 | 1.405 | 0.0 | 0.0 | 1.82 | 0.0 | 0.0 | 1.887 | 0.0 | 0.0 | 2.18 | 0.0 |
| 44 | 10325 | 10326 | NS | 1 | 0.0 | 22.882 | 7.074 | 0.0 | 23.533 | 8.783 | 0.0 | 310.293 | 4.439 | 0.0 | 143.881 | 5.546 | 0.0 | 1.438 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.888 | 0.0 | 0.0 | 2.182 | 0.0 |
| 45 | 10325 | 10326 | SN | 1 | 0.0 | 23.058 | 4.612 | 0.0 | 20.75 | 6.309 | 0.0 | 65.987 | 0.87 | 0.0 | 43.706 | 1.77 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.082 | 0.0 |
| 46 | 10326 | 10327 | NS | 1 | 0.0 | 107.195 | 7.1 | 0.0 | 23.544 | 8.803 | 0.0 | 329.717 | 4.474 | 0.0 | 171.886 | 5.569 | 0.0 | 1.432 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.181 | 0.0 |
| 47 | 10326 | 10327 | SN | 1 | 0.0 | 23.064 | 4.583 | 0.0 | 20.714 | 6.307 | 0.0 | 44.39 | 0.867 | 0.0 | 196.943 | 1.768 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.082 | 0.0 |
| 48 | 10326 | 10327 | SN | 1 | 0.0 | 28.182 | 12.385 | 0.0 | 23.345 | 12.562 | 0.0 | 74.475 | 7.237 | 0.0 | 114.07 | 8.905 | 0.0 | 1.361 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 2.084 | 0.0 |
| 49 | 10326 | 10327 | SN | 1 | 0.0 | 28.182 | 12.369 | 0.0 | 24.288 | 12.99 | 0.0 | 74.475 | 7.05 | 0.0 | 114.07 | 9.887 | 0.0 | 1.361 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 2.084 | 0.0 |
| 50 | 10326 | 10327 | NS | 1 | 0.0 | 154.635 | 10.662 | 0.0 | 29.086 | 15.794 | 0.0 | 324.175 | 13.088 | 0.0 | 154.21 | 15.256 | 0.0 | 1.389 | 0.0 | 0.0 | 1.819 | 0.0 | 0.0 | 1.887 | 0.0 | 0.0 | 2.18 | 0.0 |
| 51 | 10326 | 10327 | SN | 1 | 0.0 | 23.064 | 4.581 | 0.0 | 20.714 | 6.307 | 0.0 | 44.39 | 0.867 | 0.0 | 196.943 | 1.768 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.082 | 0.0 |
| 52 | 10326 | 10327 | NS | 1 | 0.0 | 154.635 | 10.662 | 0.0 | 29.086 | 15.794 | 0.0 | 324.175 | 13.088 | 0.0 | 154.21 | 15.256 | 0.0 | 1.389 | 0.0 | 0.0 | 1.819 | 0.0 | 0.0 | 1.887 | 0.0 | 0.0 | 2.18 | 0.0 |
| 53 | 10326 | 10327 | SN | 1 | 0.0 | 23.064 | 4.59 | 0.0 | 18.067 | 6.184 | 0.0 | 44.39 | 0.908 | 0.0 | 196.943 | 1.545 | 0.0 | 1.349 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.082 | 0.0 |
| 54 | 10326 | 10327 | NS | 1 | 0.0 | 107.195 | 7.102 | 0.0 | 23.544 | 8.803 | 0.0 | 329.717 | 4.474 | 0.0 | 171.886 | 5.569 | 0.0 | 1.432 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 1.891 | 0.0 | 0.0 | 2.181 | 0.0 |
| 55 | 10326 | 10327 | SN | 1 | 0.0 | 28.182 | 12.369 | 0.0 | 24.288 | 12.99 | 0.0 | 74.475 | 7.05 | 0.0 | 114.07 | 9.887 | 0.0 | 1.361 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.783 | 0.0 | 0.0 | 2.084 | 0.0 |
| 56 | 10327 | 10328 | SN | 1 | 0.0 | 28.132 | 12.416 | 0.0 | 23.339 | 12.433 | 0.0 | 72.875 | 7.329 | 0.0 | 13.396 | 8.679 | 0.0 | 1.364 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.081 | 0.0 |
| 57 | 10327 | 10328 | NS | 1 | 0.0 | 267.315 | 10.66 | 0.0 | 29.29 | 15.834 | 0.0 | 198.714 | 13.048 | 0.0 | 129.658 | 15.22 | 0.0 | 1.411 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.181 | 0.0 |
| 58 | 10327 | 10328 | NS | 1 | 0.0 | 210.35 | 10.692 | 0.0 | 29.097 | 15.773 | 0.0 | 223.465 | 13.06 | 0.0 | 145.48 | 15.246 | 0.0 | 1.41 | 0.0 | 0.0 | 1.82 | 0.0 | 0.0 | 1.886 | 0.0 | 0.0 | 2.181 | 0.0 |
| 59 | 10327 | 10328 | SN | 1 | 0.0 | 23.042 | 4.591 | 0.0 | 18.056 | 6.127 | 0.0 | 61.023 | 0.911 | 0.0 | 11.118 | 1.485 | 0.0 | 1.348 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 2.081 | 0.0 |
| 60 | 10327 | 10328 | SN | 1 | 0.0 | 28.132 | 12.401 | 0.0 | 24.365 | 12.93 | 0.0 | 72.892 | 7.05 | 0.0 | 65.573 | 9.902 | 0.0 | 1.363 | 0.0 | 0.0 | 1.73 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 2.083 | 0.0 |
| 61 | 10327 | 10328 | SN | 1 | 0.0 | 28.132 | 12.391 | 0.0 | 24.365 | 12.93 | 0.0 | 72.875 | 7.065 | 0.0 | 65.573 | 9.866 | 0.0 | 1.364 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.787 | 0.0 | 0.0 | 2.081 | 0.0 |
| 62 | 10327 | 10328 | SN | 1 | 0.0 | 23.042 | 4.57 | 0.0 | 20.764 | 6.262 | 0.0 | 61.023 | 0.853 | 0.0 | 47.01 | 1.747 | 0.0 | 1.348 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 2.081 | 0.0 |
| 63 | 10327 | 10328 | SN | 1 | 0.0 | 23.042 | 4.568 | 0.0 | 20.764 | 6.248 | 0.0 | 61.04 | 0.839 | 0.0 | 47.01 | 1.754 | 0.0 | 1.347 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.785 | 0.0 | 0.0 | 2.081 | 0.0 |
| 64 | 10328 | 10329 | SN | 1 | 0.0 | 28.391 | 12.368 | 0.0 | 217.228 | 12.977 | 0.0 | 73.383 | 6.978 | 0.0 | 65.408 | 9.828 | 0.0 | 1.383 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 2.079 | 0.0 |
| 65 | 10328 | 10329 | SN | 1 | 0.0 | 28.391 | 12.368 | 0.0 | 217.228 | 12.977 | 0.0 | 73.383 | 6.978 | 0.0 | 65.408 | 9.828 | 0.0 | 1.383 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 2.079 | 0.0 |
| 66 | 10328 | 10329 | SN | 1 | 0.0 | 23.036 | 4.537 | 0.0 | 207.728 | 6.262 | 0.0 | 65.187 | 0.824 | 0.0 | 47.341 | 1.732 | 0.0 | 1.346 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.081 | 0.0 |
| 67 | 10328 | 10329 | SN | 1 | 0.0 | 23.036 | 4.537 | 0.0 | 207.728 | 6.262 | 0.0 | 65.187 | 0.824 | 0.0 | 47.341 | 1.732 | 0.0 | 1.346 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.081 | 0.0 |
| 68 | 10328 | 10329 | SN | 1 | 0.0 | 28.391 | 12.507 | 0.0 | 217.228 | 12.374 | 0.0 | 73.383 | 7.407 | 0.0 | 13.098 | 8.41 | 0.0 | 1.383 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.789 | 0.0 | 0.0 | 2.079 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
|--------------------------|------------|-----------|------------|----------|-------------|
| | Range | 10.0 | 3.0 | Alarming | High Errors |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------|-------|----|---|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 10328 | 10329 | SN | 1 | 0.0 | 23.036 | 4.59 | 0.0 | 207.728 | 6.087 | 0.0 | 65.187 | 0.907 | 0.0 | 10.776 | 1.43 | 0.0 | 1.346 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 2.081 | 0.0 |
| 70 | 10328 | 10329 | NS | 1 | 0.0 | 211.691 | 10.641 | 0.0 | 29.329 | 15.834 | 0.0 | 202.514 | 12.935 | 0.0 | 134.56 | 15.242 | 0.0 | 1.411 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.181 | 0.0 |
| 71 | 10328 | 10329 | NS | 1 | 0.0 | 42.369 | 10.651 | 0.0 | 29.329 | 15.834 | 0.0 | 216.913 | 12.907 | 0.0 | 134.605 | 15.228 | 0.0 | 1.41 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 1.876 | 0.0 | 0.0 | 2.181 | 0.0 |
| 72 | 10328 | 10329 | NS | 1 | 0.0 | 67.815 | 7.212 | 0.0 | 23.544 | 8.811 | 0.0 | 137.304 | 4.566 | 0.0 | 125.047 | 5.606 | 0.0 | 1.43 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.181 | 0.0 |
| 73 | 10329 | 10330 | NS | 1 | 0.0 | 56.135 | 10.6 | 0.0 | 29.345 | 15.844 | 0.0 | 253.765 | 12.999 | 0.0 | 125.67 | 15.249 | 0.0 | 1.412 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 1.874 | 0.0 | 0.0 | 2.181 | 0.0 |
| 74 | 10329 | 10330 | SN | 1 | 0.0 | 23.047 | 4.508 | 0.0 | 20.841 | 6.244 | 0.0 | 63.218 | 0.829 | 0.0 | 49.387 | 1.732 | 0.0 | 1.346 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 2.081 | 0.0 |
| 75 | 10329 | 10330 | SN | 1 | 0.0 | 28.551 | 12.378 | 0.0 | 24.321 | 12.896 | 0.0 | 71.265 | 6.978 | 0.0 | 61.338 | 9.835 | 0.0 | 1.38 | 0.0 | 0.0 | 1.732 | 0.0 | 0.0 | 1.791 | 0.0 | 0.0 | 2.078 | 0.0 |
| 76 | 10330 | 10331 | NS | 1 | 0.0 | 269.675 | 7.17 | 0.0 | 23.538 | 8.806 | 0.0 | 143.558 | 4.54 | 0.0 | 123.266 | 5.588 | 0.0 | 1.436 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.182 | 0.0 |
| 77 | 10330 | 10331 | SN | 1 | 0.0 | 23.047 | 4.493 | 0.0 | 167.681 | 6.257 | 0.0 | 76.973 | 0.826 | 0.0 | 40.215 | 1.722 | 0.0 | 1.348 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.081 | 0.0 |
| 78 | 10330 | 10331 | SN | 1 | 0.0 | 28.16 | 12.357 | 0.0 | 178.948 | 12.955 | 0.0 | 80.486 | 6.983 | 0.0 | 274.788 | 9.755 | 0.0 | 1.374 | 0.0 | 0.0 | 1.731 | 0.0 | 0.0 | 1.79 | 0.0 | 0.0 | 2.081 | 0.0 |
| 79 | 10330 | 10331 | NS | 1 | 0.0 | 269.675 | 7.17 | 0.0 | 23.538 | 8.806 | 0.0 | 143.558 | 4.54 | 0.0 | 123.266 | 5.588 | 0.0 | 1.436 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.893 | 0.0 | 0.0 | 2.182 | 0.0 |
| 80 | 10330 | 10331 | NS | 1 | 0.0 | 109.387 | 10.695 | 0.0 | 29.081 | 15.729 | 0.0 | 212.055 | 12.97 | 0.0 | 133.81 | 15.271 | 0.0 | 1.405 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.179 | 0.0 |
| 81 | 10330 | 10331 | NS | 1 | 0.0 | 109.387 | 10.695 | 0.0 | 29.081 | 15.729 | 0.0 | 212.055 | 12.97 | 0.0 | 133.81 | 15.271 | 0.0 | 1.405 | 0.0 | 0.0 | 1.824 | 0.0 | 0.0 | 1.869 | 0.0 | 0.0 | 2.179 | 0.0 |
| 82 | 10331 | 10332 | NS | 1 | 0.0 | 210.433 | 7.206 | 0.0 | 23.544 | 8.823 | 0.0 | 352.45 | 4.605 | 0.0 | 15.756 | 5.592 | 0.0 | 1.44 | 0.0 | 0.0 | 1.822 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.181 | 0.0 |
| 83 | 10331 | 10332 | NS | 1 | 0.0 | 269.598 | 10.716 | 0.0 | 29.086 | 15.67 | 0.0 | 352.45 | 12.935 | 0.0 | 25.17 | 15.16 | 0.0 | 1.409 | 0.0 | 0.0 | 1.82 | 0.0 | 0.0 | 1.887 | 0.0 | 0.0 | 2.182 | 0.0 |

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|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
| | Range | 10.0 | 3.0 | Alarming | High Errors |